Project Proposal Specs

The goal of the proposal is to describe what you plan to build and how you plan to build it. The specifications below provide the expectations for the project proposal.

It should be no longer than 2-pages worth of text along with any technical documentation needed (i.e., diagrams, tables, or other figures do not count against the 2-page limit). The point is for you to make your description clear, direct, and concise.

While you are free to organize your proposal in the way that best suits your project, you should be sure to address the following sections:

- Project Description and Overview
- FPGA Design Details
- MCU Design Details
- Calculations relevant to the system's performance bandwidths, data rates, FFT widths, frame rates, etc.
- Diagram indicating chips, connection, and protocols
- Schedule and work breakdown (e.g., Gantt chart or similar)
- Bill of Materials/Budget

General

Excellence

Bill of materials includes part numbers, quantities, and prices for all components. Prices
for components available in the stock room should be indicated as "stockroom".
Block diagram of system clearly describes all protocols and interfaces.
Block diagram is computer drawn and neatly laid out.